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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,986	02/20/2004	Brian S. Deiter	323	7135

7590 05/06/2005

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EXAMINER

WATSON, ROBERT C

ART UNIT PAPER NUMBER

3723

DATE MAILED: 05/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b> 10/782,986	<b>Applicant(s)</b> DEITER, BRIAN S.	
	<b>Examiner</b> Robert C. Watson	<b>Art Unit</b> 3723	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 April 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) 20 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7, 9-10, and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Edson.

In Edson 16,17 are first and second lever arms, 20,21 are first and second means for contacting a cylindrical shaft shaped element, and 14 is a pivot. The means for contacting comprises opposed grooves of the first and second shaft grippers having a lining of resilient gripping material. Statements of intended use such as the type of cylindrical shaft shaped element that is being gripped is a matter of intended use that has no patentable significance. In any case, the Edson device is considered to be capable of performing the recited intended use since the type of tubular member being gripped by Edson is available in a wide range of sizes and the gripping member is commensurate with the size of the tubular member b being gripped. Further, if an arrow is imbedded in a loosely packed bail of hay or a pillow it would require very little gripping force to withdraw the arrow.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 8 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Edson.

The length of the lever arms and the length of the tubular gripping portion is no more than an obvious matter of design choice absent a showing of criticality for this feature. One of ordinary skill in the art would have been motivated to select a suitable length of lever arm for the obvious purpose of achieving a mechanical advantage and making the gripping easier. One of ordinary skill in the art would have been motivated to select a length of gripping member for the obvious purpose of achieving stability during the gripping process.

Claims 11 and 14 –19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Edson in view of Chiu.

Chiu teaches that the pivot for a pair of lever arms may include a forked portion.

To provide a forked portion for the pivot for the pair of lever arms in Edson would have been obvious for one skilled in the art at the time the invention was made in view of the disclosure of Chiu. One of ordinary skill in the art would have been motivated to do this in order to provide a convenient manufacturing expedient to eliminate the need for an external hinge member. The length of the lever arms and the length of the tubular gripping portion is no more than an obvious matter of design choice absent a showing of criticality for this feature. One of ordinary skill in the art would have been motivated to select a suitable length of lever arm for the obvious purpose of achieving a mechanical advantage and making the gripping easier. One of ordinary skill in the art

would have been motivated to select a length of gripping member for the obvious purpose of achieving stability during the gripping process.

Claim 20 is withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 10/27/04.

Applicant's remarks have been given careful consideration. In particular applicant alleges that the Edison device would be ineffective in extracting an arrow from a target. This argument is found to be purely conjecture. If an arrow is imbedded by hand into a loosely packed bail of hay or a pillow it would require very little force to extract the arrow from such a target. How much force is necessary to extract an arrow will depend on many factors such as the length of the arrow, the diameter of the arrow, the compactness of the material of the target, and the amount of force used to impact the arrow in target, just to name a few. Certainly, a set of factors exist whereby the Edison device would be effective in removing an arrow from a target.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert C. Watson whose telephone number is 703 308-1747. The examiner can normally be reached on Mon. - Thurs. , 5:30am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail III can be reached on 703 308-2687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

rcw



**ROBERT C. WATSON  
PRIMARY EXAMINER**